

PATENT
Docket Number: 16356.583 (DC-02750)
Customer No. 000027683

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A system comprising:
a computer system including a processor and a memory, the computer system configured to:
include a preboot execution environment (PXE) specification wherein an initial boot order is set to PXE and subsequently to a hard disk;
retrieve a preboot image from a first remote location; and
execute the preboot image, the preboot image configured to cause the computer system to:
detect a status indication associated with a previous boot attempt by the computer system; and
in response to the status indication indicating a local boot attempt state:
retrieve a first boot image from a second remote location;
and
boot the computer system using the first boot image.
2. (Original) The system of claim 1, wherein the preboot image is configured to cause the computer system to:
in response to the status indication indicating the local boot attempt state,
notify an administrator.
3. (Original) The system of claim 1, wherein the preboot image is configured to cause the computer system to:

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In response to the status indication indicating a local boot successful state or an unknown state, boot the computer system using a second boot image located on the computer system.

4. (Original) The system of claim 3, wherein the preboot image is configured to cause the computer system to:
in response to the status indication indicating a local boot successful state or an unknown state, set the status indication to the local boot attempt state prior to booting the computer system using the second boot image.
5. (Original) The system of claim 4, wherein the second boot image is configured to cause the computer system to:
set the status indication to a local boot successful state.
6. (Original) The system of claim 1, further comprising:
a server coupled to the computer system, the server including the first remote location and the second remote location.
7. (Original) The system of claim 1, further comprising:
a first server coupled to the computer system, the first server including the first remote location; and
a second server coupled to the computer system, the second server including the second remote location.
8. (Original) The system of claim 1, wherein the computer system includes a non-volatile memory configured to store the status indication.

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9. (Currently Amended) A computer program product comprising:
- a computer program processable by a computer system for causing the computer system to:
 - include a preboot execution environment (PXE) specification wherein an initial boot order is set to PXE and subsequently to a media drive;
 - detect a status indication associated with a previous boot attempt by the computer system; and
 - in response to the status indication indicating a local boot attempt state:
 - retrieve a first boot image from a remote location; and
 - boot the computer system using the first boot image; and
 - a storage apparatus from which the computer program is accessible by the computer system.
10. (Original) The computer program product of claim 9, wherein the computer program is processable by the computer system for causing the computer system to:
- in response to the status indication indicating the local boot attempt state, notify an administrator.
11. (Original) The computer program product of claim 9, wherein the computer program is processable by the computer system for causing the computer system to:
- in response to the status indication indicating a local boot successful state or an unknown state, boot the computer system using a second boot image located on the computer system.

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12. (Original) The computer program product of claim 11, wherein the computer program is processable by the computer system for causing the computer system to:
- in response to the status indication indicating a local boot successful state or an unknown state, set the status indication to the local boot attempt state prior to booting the computer system using the second boot image.
13. (Original) The computer program product of claim 12, wherein the second boot image is processable by the computer system for causing the computer system to:
- set the status indication to a local boot successful state.
14. (Currently Amended) A method performed by a computer system comprising:
- providing a preboot execution environment (PXE) specification wherein an initial boot order is set to PXE and subsequently to a non-volatile media drive;
- detecting a status indication associated with a previous boot attempt by the computer system; and
- in response to the status indication indicating a local boot attempt state:
- retrieving a first boot image from a first remote location; and
- booting the computer system using the first boot image.
15. (Original) The method of claim 14, further comprising:
- in response to the status indication indicating the local boot attempt state, notifying an administrator.

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16. (Original) The method of claim 15, further comprising:
in response to the status indication indicating a local boot successful state or an unknown state, booting the computer system using a second boot image located on the computer system.
17. (Original) The method of claim 16, further comprising:
in response to the status indication indicating a local boot successful state or an unknown state, setting the status indication to the local boot attempt state prior to booting the computer system using the second boot image.
18. (Original) The method of claim 17, further comprising
in response to booting the computer system using the second boot image, setting the status indication to a local boot successful state.
19. (Original) The method of claim 14, further comprising:
retrieving a preboot image from a second remote location; and
executing the preboot image.
20. (Original) The method of claim 19, further comprising:
retrieving the first boot image from the first remote location on a first server; and
retrieving the preboot image from the second remote location on a second server.

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